

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 3 | 207 | (dead\$1 or defect\$3 or bad or white\$1 adj1 spot\$1)near10 (noise\$1 or pixel\$1 or sensor\$1) and (process\$3 or compar\$3 or calculat\$3) same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (CMOS or MO) same (camera\$1 or sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/08 13:58 |
| 4 | 68 | (dead\$1 or defect\$3 or bad or white\$1 adj1 spot\$1)near10 (noise\$1 or pixel\$1 or sensor\$1) same (process\$3 or compar\$3 or calculat\$3 or compensat\$3) same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (CMOS or MOs) same (camera\$1 or sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/08 13:58 |
| 5 | 75 | (dead\$1 or defect\$3 or bad or white\$1 adj1 spot\$1)near10 (noise\$1 or pixel\$1 or sensor\$1) same (process\$3 or compar\$3 or calculat\$3 or compensat\$3) same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (CMOS or MOs or APS\$1) same (camera\$1 or sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/08 14:00 |
| - | 4 | ((("20020085107") or ("20030030738")).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/06 18:39 |
| - | 131 | 348/246.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:58 |
| - | 85 | 348/247.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:58 |
| - | 174 | 348/251.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:57 |
| - | 115 | 348/252.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:57 |
| - | 131 | 348/246.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:58 |
| - | 85 | 348/247.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 14:58 |
| - | 6992 | defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 15:03 |
| - | 567 | (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and 348/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 15:02 |

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|---|------|--|---|-------------------|
| - | 3011 | defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07, 18:36 |
| - | 330 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and 348/\$.ccls.) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:12 |
| - | 793 | defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and (defect\$3) same filter\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 15:06 |
| - | 32 | (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and (defect\$3) same filter\$1) and 348/246.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 15:05 |
| - | 189 | defect\$3 same (pixel\$1 or sensor\$1) and compar\$3 same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and (defect\$3) same filter\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 15:41 |
| - | 7 | 348/246.ccls. and compar\$3 same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (high\$3 or low\$3 or minimum or maximum) same (averag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:04 |
| - | 6 | 348/246.ccls. and compar\$3 same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (high\$3 or low\$3) same (averag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:09 |
| - | 167 | (dead\$1 or defect\$3 or bad\$1) near20 (pixel\$1 or sensor\$1 or MOS or cmos\$1) and compar\$3 same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and (defect\$3) same filter\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:09 |
| - | 453 | (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and reset\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:13 |
| - | 392 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and reset\$3) and compar\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 16:13 |
| - | 256 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and reset\$3) and compar\$3 and (low\$3 or high\$3 or minimum\$1 or maximum\$1) and averag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:31 |

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|---|------|--|---|-------------------|
| - | 138 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and reset\$3) and compar\$3 and (low\$3 or high\$3 or minimum\$1 or maximum\$1) same (adjacent\$1 or neighbor\$3 or surround\$3) same (pixel\$1 or sensor\$1) and averag\$3 358/518.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07, 17:22 |
| - | 1380 | 358/518.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:22 |
| - | 548 | 358/447.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:22 |
| - | 443 | 358/461.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:22 |
| - | 318 | 358/3.26.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:23 |
| - | 754 | 382/274.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:23 |
| - | 763 | 382/275.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:23 |
| - | 13 | 358/518.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:24 |
| - | 4 | 358/461.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:26 |
| - | 8 | 358/3.26.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:27 |
| - | 21 | 382/274.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:30 |
| - | 61 | 382/275.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:46 |
| - | 0 | salt\$1 adj1 paper\$1 near4 (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and compar\$3 and (CMOS\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:50 |

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|---|-----|--|---|-------------------|
| - | 0 | salt\$1 adj1 paper\$1 same (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and compar\$3 and (CMOS\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07, 17:49 |
| - | 0 | salt\$1 adj1 paper\$1 same (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and (CMOS\$1 or mos or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:50 |
| - | 0 | salt\$1 adj5 paper\$1 same (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and (CMOS\$1 or mos or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:51 |
| - | 6 | salt\$1 adj6 pepper\$1 near4 (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and compar\$3 and (CMOS\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:51 |
| - | 10 | salt\$1 adj5 pepper\$1 same (noise\$1) and (defect\$3) same (correct\$3 or detect\$3) and (CMOS\$1 or mos or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:52 |
| - | 26 | salt\$1 same pepper\$1 same (noise\$1) and (defect\$3) and (CMOS\$1 or mos or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:55 |
| - | 14 | salt\$1 same pepper\$1 same (noise\$1) and (defect\$3) same (CMOS\$1 or mos or pixel\$1 or sensor\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 17:57 |
| - | 55 | 348/245.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:26 |
| - | 292 | (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and 250/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:27 |
| - | 61 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and 250/\$.ccls.) and (CMOS or MOS) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:27 |
| - | 74 | ((defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1)) and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) and reset\$3) and compar\$3 and (low\$3 or high\$3 or minimum\$1 or maximum\$1) and averag\$3 and (MOS or CMOS) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:31 |
| - | 13 | 348/241.ccls. and (defect\$3 same (pixel\$1 or sensor\$1) and (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:31 |
| - | 266 | (dead\$1 or defect\$3) same (pixel\$1 or sensor\$1) and (process\$3 or compar\$3 or calculat\$3) same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (CMOS or MO) same (camera\$1 or sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/07 18:46 |

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|---|-----|---|--|------------------|
| - | 83 | 348/246.ccls. and (CMOS\$1 or MOS\$1 or APS) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2004/08/07 18:40 |
| - | 7 | ("4567525" "4805023" "4958374" "5354977" "5544256" "5982946" "6276605").PN. | | 2004/08/07 18:46 |
| - | 195 | (dead\$1 or defect\$3 or bad)near10 (pixel\$1 or sensor\$1) and (process\$3 or compar\$3 or calculat\$3) same (neighbor\$3 or surround\$3 or adjacent\$1) same (sensor\$1 or pixel\$1) and filter\$1 and (CMOS or MO) same (camera\$1 or sensor\$1 or pixel\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/08/08 13:54 |